

GRADE SEPARATION



PROJECT UPDATES



Magnolia Avenue Grade Separation

Status: In Construction

Start Date: February 2010 • **End Date:** Summer 2011

Neighborhood: Magnolia Center

Description: This project will lower Magnolia Avenue under the Union Pacific Railroad (UP) tracks in Magnolia Center. Then a two track railroad bridge will be constructed over Magnolia. This project will also shift the alignment of Magnolia Avenue approximately 50 feet to the west. Beatty Drive has been widened between Brockton and De Anza Avenues, and traffic signals have been installed at the intersections of Beatty Drive with Brockton, Magnolia and De Anza Avenues. Additionally, Merrill Avenue on the east and west side of Magnolia is being converted to a right turn in/out at Magnolia Avenue to facilitate traffic flow. The project requires relocation of water and electric facilities maintained by the Riverside Public Utilities Department, communication lines owned by AT&T and Charter, gas lines, and relocation of over 6300 feet of sewer line to redirect sewer flows around the grade separation. Also, a storm water pumping station will be constructed. Magnolia Avenue will be reduced to one lane in each direction during construction.

Construction Schedule

Construction started in February 2010 and will take approximately 16 months to complete.

Project Benefits

- Eliminates 2.3 hours per day of gate down time which stops traffic on Magnolia
- Eliminates over 3 minutes of average delay for each emergency responder that encounters a train
- Eliminates over 16.8 tons per year of green house gases generated by idling vehicles delayed by trains (based on 2030 projections)

Project Facts

- Magnolia Avenue currently carries a total of about 25,000 vehicles per day
- Four bus routes with a total of 178 buses traverse the Magnolia Avenue at-grade crossing each day
- This segment of the Union Pacific rail line is used by 47 freight trains and 12 passenger trains daily
- The rail traffic causes approximately 137 minutes of traffic delay per day on Magnolia Avenue
- Between January 1, 2003, and May 2007, Riverside Fire Department emergency response vehicles and American Medical Response ambulances were delayed 44 times with an average delay of 3.25 minutes by trains blocking traffic at this crossing

Iowa Avenue Grade Separation

Status: In Design

Start Date: Summer 2011 • **End Date:** Fall 2012

Neighborhood: Hunter Industrial Park

Description: Planning and design for the railroad grade separation at Iowa Avenue and the Burlington Northern Santa Fe (BNSF) railroad tracks is underway. Iowa Avenue will be raised over the BNSF railroad between Palmyrita Avenue and Spring Street. Citrus Street east of Iowa Avenue will remain in its current location, but turns will be restricted to right turn in from northbound Iowa and right turn out onto northbound Iowa. Citrus Street west of Iowa Avenue will go under the new Iowa overpass and loop back to intersect with Iowa Avenue to retain access. Construction is scheduled to begin in mid 2011. The project will take approximately 16 months to construct. Iowa Avenue will be closed to through traffic during construction.

Streeter Avenue Grade Separation

Status: In Design

Start Date: Spring 2012 • **End Date:** Winter 2013

Neighborhood: Grand

Description: The project will grade separate Streeter Avenue at the Union Pacific Railroad (UP) tracks. It is proposed to depress Streeter Avenue under the railroad tracks and construct two bridges to carry the railroad tracks and Dewey Avenue across Streeter Avenue. The project will close Appleton Street at Streeter Avenue and construct new roadways between Streeter Avenue and Appleton Street to provide access to the neighborhoods. There will be a need to acquire several properties that will be impacted by the project.

Riverside Avenue Grade Separation

Status: In Design

Start Date: Spring 2012 • **End Date:** Winter 2013

Neighborhood: Magnolia Center

Description: The project will construct an underpass along Riverside Avenue at the Union Pacific Railroad (UP) tracks. Riverside Avenue will be depressed under the railroad tracks. The project will also include modifications to Tipperary Way, Elizabeth Street, Trinity Court and Sunnyside Drive.

For more information about the City of Riverside grade separation projects, please visit www.riversideca.gov/gs or contact Cindie Perry at 951-826-5975 or cperry@riversideca.gov